Practice Question-2 Automation Website using TestNG

Logintestng.java

```java
package testpractice;

import org.testng.annotations.Test;
import org.testng.AssertJUnit;
import org.testng.Assert;
import org.testng.annotations.*;
import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;

public class Logintestng {

    //For Login , tests done are correct user-name and wrong user-name
,and compare it with the alert text produced.
    //For Register test , correct and wrong passwords were given and then
compare it with the alert text produced.
    public WebDriver driver;
    public String url;


  @Test(priority=1)
  public void logintest() {

url="C:\\Users\\Swaroop\\Desktop\\EclipseWorkspace\\TestNgsetup\\src\\main\\r
esources\\login.html";
        driver.get(url);
        driver.findElement(By.id("username")).sendKeys("admin");
        driver.findElement(By.id("password")).sendKeys("admin01");
        driver.findElement(By.xpath("/html/body/form/input[3]")).click();
        Alert alert = driver.switchTo().alert();
        System.out.println(alert.getText());
        AssertJUnit.assertEquals(alert.getText(), "Login successful!");
        alert.accept();

  }
  @Test(priority=2)
  public void logintest2() {

url="C:\\Users\\Swaroop\\Desktop\\EclipseWorkspace\\TestNgsetup\\src\\main\\r
esources\\login.html";
        driver.get(url);
        driver.findElement(By.id("username")).sendKeys("adb");
        driver.findElement(By.id("password")).sendKeys("add");
        driver.findElement(By.xpath("/html/body/form/input[3]")).click();
        Alert alert = driver.switchTo().alert();
        System.out.println(alert.getText());
        AssertJUnit.assertEquals(alert.getText(), "Invalid username or
password.");
```

```java
        alert.accept();
    }

    @Test(priority=4)
    public void registertest() {

url="C:\\Users\\Swaroop\\Desktop\\EclipseWorkspace\\TestNgsetup\\src\\main\\r
esources\\register.html";
        driver.get(url);
        driver.findElement(By.id("username")).sendKeys("Jhon");
        driver.findElement(By.name("new-password")).sendKeys("doe");
        driver.findElement(By.name("confirm-password")).sendKeys("doe");
        driver.findElement(By.xpath("/html/body/form/input[4]")).click();
        Alert alert = driver.switchTo().alert();
        System.out.println(alert.getText());
        AssertJUnit.assertEquals(alert.getText(), "Registration
successful!");
        alert.accept();
    }

    @Test(priority=3)
    public void loginpagetest() {

url="C:\\Users\\Swaroop\\Desktop\\EclipseWorkspace\\TestNgsetup\\src\\main\\r
esources\\login.html";
        driver.get(url);
        WebElement clickL=driver.findElement(By.linkText("Register"));
        clickL.click();
    }
    @Test(priority=5)
    public void registertest2() {

url="C:\\Users\\Swaroop\\Desktop\\EclipseWorkspace\\TestNgsetup\\src\\main\\r
esources\\register.html";
        driver.get(url);
        driver.findElement(By.id("username")).sendKeys("Jhon");
        driver.findElement(By.name("new-password")).sendKeys("doe");
        driver.findElement(By.name("confirm-password")).sendKeys("doe23");
        driver.findElement(By.xpath("/html/body/form/input[4]")).click();
        Alert alert = driver.switchTo().alert();
        System.out.println(alert.getText());
        AssertJUnit.assertEquals(alert.getText(), "Passwords do not
match.");
        alert.accept();
    }
    @BeforeSuite
    public void beforeSuite() {
        driver= new ChromeDriver();
    }

    @AfterSuite
    public void afterSuite() {
        driver.close();
```
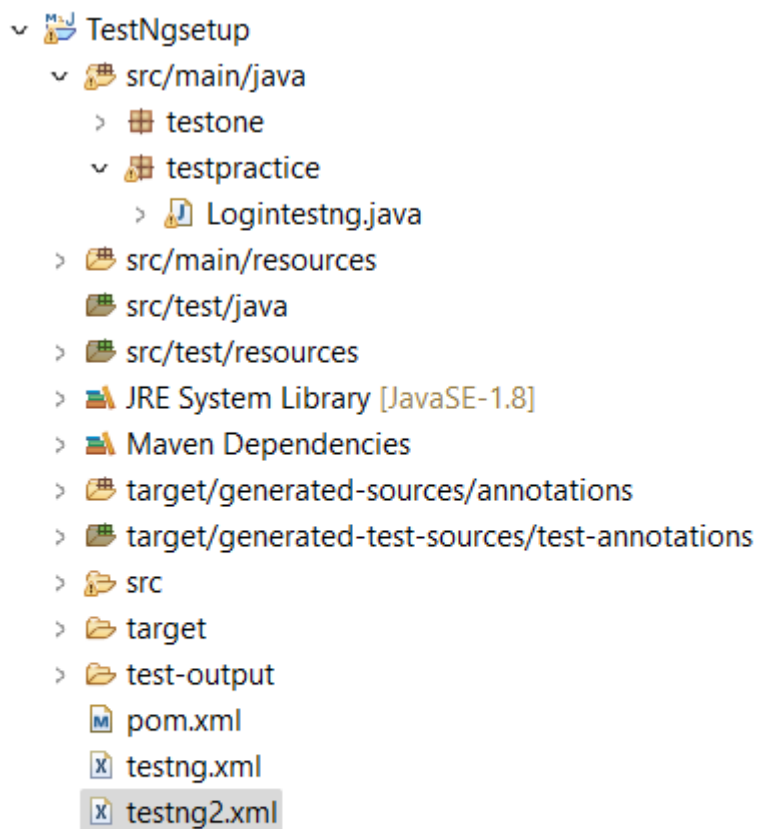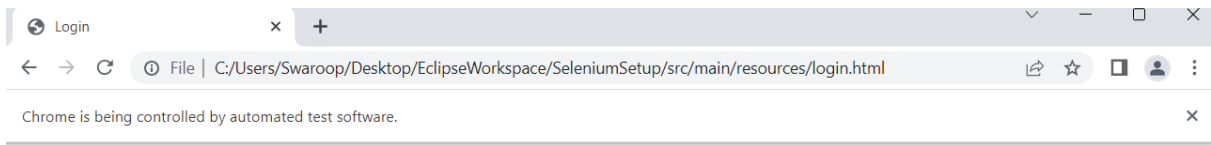
```
    }

}
```

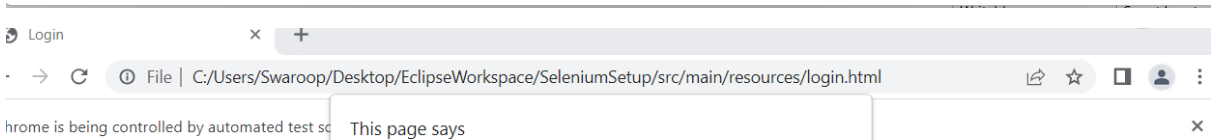## testng2.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite name="Suite">
<test thread-count="5" name="Test">
<classes>
<class name="testpractice.Logintestng"/>
</classes>
</test> <!-- Test -->
</suite> <!-- Suite -->
```

- TestNgsetup
  - src/main/java
    - testone
    - testpractice
      - Logintestng.java
  - src/main/resources
  - src/test/java
  - src/test/resources
  - JRE System Library [JavaSE-1.8]
  - Maven Dependencies
  - target/generated-sources/annotations
  - target/generated-test-sources/test-annotations
  - src
  - target
  - test-output
  - pom.xml
  - testng.xml
  - testng2.xml

Login

Username: admin

Password: •••••••

Login

Don't have an account? Register

---

ogin

ername: admin

ssword: •••••••

ogin

n't have an account? Register

This page says

Login successful!

OK

Register

Username: Jhon

New Password: •••

Confirm Password: •••

Register

Register

Username: Jhon
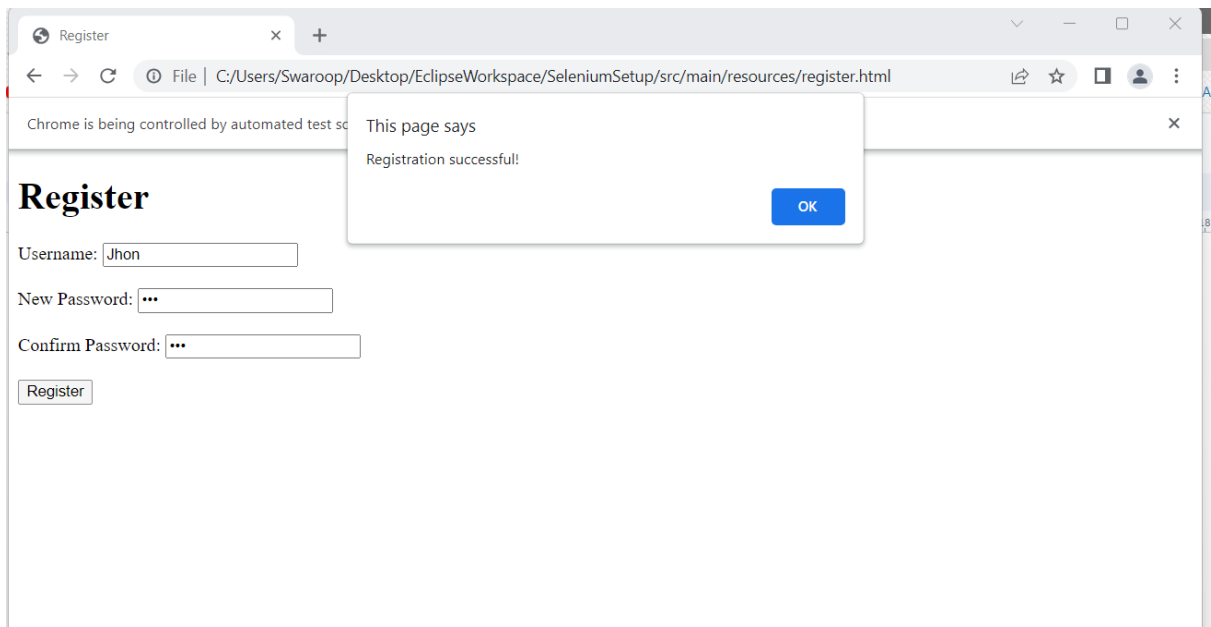
New Password: •••

Confirm Password: •••

Register

This page says

Registration successful!

OK

<terminated> TestNgsetup_testng2.xml [TestNG] C:\Users\Swaroop\,p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (19-Jul-2023, 6:38:17 pm – 6:38:40 p

[RemoteTestNG] detected TestNG version 7.8.0
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Jul 19, 2023 6:38:19 PM org.openqa.selenium.remote.service.DriverService$Builder getLogOutput
INFO: Driver logs no longer sent to console by default; https://www.selenium.dev/documentation/webdriver/drivers/service/#setting-log-output
Login successful!
Invalid username or password.
Registration successful!
Passwords do not match.

===
Suite
Total tests run: 5, Passes: 5, Failures: 0, Skips: 0
===